

SHEET 1 OF 1

**INFORMATION DISCLOSURE
CITATION IN AN
APPLICATION**

(PTO-1449)

ATTY. DOCKET NO.
057454-0982SERIAL NO.
10/686,766APPLICANT
Tadatoshi SUZUKI, et al.FILING DATE
October 17, 2003GROUP
3748**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code(s if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ZE	US	3,954,517	05/04/1976	Jatczak et al.	
ZE	US	4,971,634	11/20/1990	Shibata et al.	
ZE	US	5,427,457	06/27/1995	Furumura et al.	
ZE	US	5,427,600	06/27/1995	Itoh et al.	
ZE	US	5,456,766	10/10/1995	Beswick et al.	
ZE	US	5,595,610	01/21/1997	Maeda et al.	
ZE	US	5,658,082	06/19/1997	Tsushima et al.	
ZE	US	5,944,918	08/31/1999	Chung	
ZE	US	6,149,734	11/21/2000	Isogai et al.	
ZE	US	6,224,688	05/01/2001	Takemura et al.	
ZE	US	6,258,179	07/10/2001	Takayama et al.	
ZE	US	6,306,227	10/23/2001	Okayama et al.	
ZE	US	6,447,619	09/10/2002	Takayama et al.	
	US				

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number + Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation
						Yes No
ZE		JP 08004774 A	01/09/1996	NTN Corp		X Eng. Abstract
ZE		JP 11101247 A	04/13/1999	NTN Corp		X Eng. Abstract
ZE		JP 63-185917	11/29/1988	Koyo Seiko Co., Ltd.		X partial English Trans.

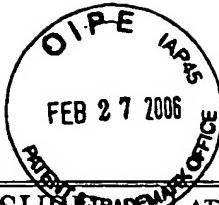
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
ZE		JIS G 0551 "Methods of austenite grain size determination for steel", Published by Japanese Standards Association, February 20, 1998	
ZE		JIS Z 2242 "Method of impact test for metallic materials", Published by Japanese Standards Association, December 21, 1998	
ZE		JIS Z 2202 "Test pieces for impact test for metallic materials" Published by Japanese Standards Association, February 20, 1998	
Copy of co-pending US Patent Application No. 10/300,590 filed November 21, 2002			

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06/07/2006

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ZE		Embrittlement of Steel: Hydrogen Damage[online][retrieved 12-23-2005]. Retrieved from the internet: < http://products.asminternational.org/hbk/index.jsp >.			
ZE		Hardenability of carbon and Low-Alloy Steels: Effect of Grain Size [online] [retrieved 12-23-2005]. Retrieved fro the internet: < http://products.Asminternatioonal.Org/hbk/index.jsp >.			

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